

**Shrink fit chuck**

**Publication number:** EP1084782  
**Publication date:** 2001-03-21  
**Inventor:** GLIMPEL HELMUT DIPL-ING (DE)  
**Applicant:** EMUGE WERK RICHARD GLIMPEL (DE)  
**Classification:**  
- international: **B23B31/02; B23B31/02;** (IPC1-7): B23B31/02  
- European: B23B31/02  
**Application number:** EP20000114360 20000705  
**Priority number(s):** DE19991044440 19990916

**Also published as:**  
DE19944440 (A1)

**Cited documents:**  
US5311654  
US5873687  
JP63011242

Report a data error here

**Abstract of EP1084782**

The shrink-fit bush (1) comprises an intermediate layer (6) which is made of a thermally insulating material and is located in the tool seat zone (3) of the chuck body (4). The layer - whose purpose is to impede heat transfer to the tool when the chuck is heated for purposes of tool removal - consists of doped zirconium dioxide or PTFE.

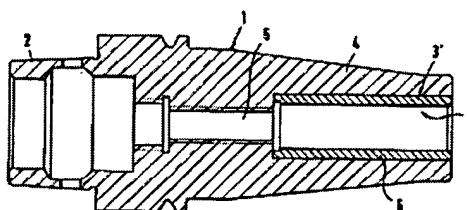


FIG. 1

Data supplied from the **esp@cenet** database - Worldwide

**Best Available Copy**